

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: June 6-7, 2007

Reference No.: 2.5f.(1)  
Information Item

From: CINDY McKIM  
Chief Financial Officer

Prepared by: Norma Ortega  
Division Chief  
Budgets

Subject: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

## **SUMMARY:**

Since the period reported at the last California Transportation Commission (Commission) meeting, the Department of Transportation (Department) allocated \$4,030,000 for nine emergency construction projects described on the attached list, pursuant to the authority granted by Resolution G-11.

As of May 3, 2007, a total of \$100,066,000 for 74 emergency construction projects has been allocated in Fiscal Year (FY) 2006-07.

Projects listed below are ineligible for federal Emergency Relief (ER) funding, unless otherwise stated.

Project #1. In Mendocino County, on Route 101 near Cloverdale, from 0.5 to 0.9 miles south of Pieta Creek Bridge (#10-83). Heavy winter rain between February 26 and February 28, 2007 caused an existing large-scale rotational landslide above the highway to become active and create a pushup effect in both northbound and southbound lanes. The uplift was on the order of several feet and created a crest vertical curve with uneven driving surface, low shoulders, and reduced sight distance. A temporary reduced speed limit zone for both the northbound and southbound traffic was put in place. The proposed repairs include removing and disposing of damaged roadway and underlying uplifted landslide material, placing a rock revetment to buttress the slide, re-establishing proper highway drainage and repaving.

Project #2. In Mendocino County, on Route 101 near Willits, from 2.2 to 2.7 miles south of Ridgewood Grade Truck Scales. Heavy winter rain between February 26 and February 28, 2007 caused an existing large-scale rotational landslide above the highway to become active and create a pushup effect in both northbound and southbound lanes. The uplift severely deformed the roadway, caused cracking of the concrete median barrier and created a condition that resulted in concentration of roadway runoff. A temporary reduced speed limit zone for both the northbound and southbound traffic was put in place. The proposed repairs include removing and disposing of damaged roadway and failed concrete median barrier; placing removable concrete median barrier; installing additional drainage systems and repaving.

Project #3. In Butte County, on Route 70 near Oroville at 0.9 mile west of Cottonwood Road Overcrossing. On March 13, 2007, the existing cut slope at this location failed. Material from the cut slope covered the outside shoulder. This project is to cut an access road to the loose material, remove the loose material, place temporary railing on the shoulder to prevent additional slides from reaching the travel way and apply erosion control measures. A subsequent investigation is needed to determine a permanent restoration strategy.

Project #4. In Marin County, on Route 1 near Stinson Beach from approximately 2 miles to 5 miles north of Muir Woods Road. The highway segment between postmile 8.0 and 12.4 was closed through end of March 2007 due to five ongoing different emergency roadway repair contracts within its limits. On February 26, 2007, it was determined that the pavement within the closure limits and in between the separate contract limits was heavily damaged by heavy construction equipment moving from one location to another in the course of executing these contracts. This project is necessary to repair these sections of highway pavement before the roadway is opened to traffic. This project repairs the sections between postmiles 8.0 and 11.0. This project is eligible for federal Emergency Relief (ER) funding.

Project #5. In Marin County, on Route 1 near Stinson Beach from approximately 5 miles to 6.5 miles north of Muir Woods Road. This highway segment between post mile 8.0 and 12.4 was closed through end of March 2007 due to five ongoing different emergency roadway repair contracts within its limits. On February 26, 2007, it was determined that the pavement within the closure limits and in between the separate contract limits was heavily damaged by heavy construction equipment moving from one location to another in the course of executing these contracts. This project is necessary to repair these sections of highway pavement before the roadway is opened to traffic. This project repairs the sections between post mile 11.0 and 12.4. This project is eligible for federal Emergency Relief (ER) funding.

Project #6. In Marin County, on Route 1 near Stinson Beach at Webb Creek. On December 1, 2006, a 60-inch failed corrugated metal pipe culvert was discovered at this location. Holes along the entire length of the culvert were allowing water to wash material away from around the culvert. The initial project was to replace the failed culvert. After clearing the site, it was discovered that 120 lineal feet (LF) of new culvert was needed not 100 LF as it was originally estimated. The additional length furthermore caused a conflict with the existing culvert. The existing culvert could no longer remain in place while the new one gets constructed. A separate diversion including temporary dams, pipes, and pumps had to be put in place to keep water moving. This supplemental is due to the additional culvert length and additional diversion work.

Project #7. In Los Angeles County, in the city of Long Beach, on the connector ramp between Route 91 and Route 710. On April 5, 2007, two previously patched sections of this heavily traveled bridge deck collapsed, leaving holes and exposing the reinforcing steel and the interior of the deck. The bridge is part of the connector ramp with only two lanes at this location. The collapses created an instant traffic back up. Three heavy steel plates were placed over the holes as a (very) temporary repair. The downhill curve where heavy truck traffic rapidly accelerates to merge with mainline traffic on Route 710 subjected the plates to forces that can loosen them as a result of the constant pounding of truck traffic. This project is to remove and replace the failing deck area, and grind and overlay the bridge deck surface.

Project #8. Near Lake Arrowhead, at Big Pines Creek Bridge. On September 20, 2006, the Big Pines Creek Bridge was completely destroyed due to a wildfire. The roadway was closed at the time. Although this route is normally closed to public traffic, it does act as an access road for emergency vehicles and needs to remain passable particularly during the fire season. The initial project was to replace the wooden bridge with a concrete box culvert bridge, remove debris, and provide any necessary traffic control. This supplemental is needed due to additional paving, asphalt dike and guardrail that were not included in the original estimate. This supplemental will also be to close out this contract.

Project #9. In Imperial County, on Route 8 near Winterhaven at the Winterhaven Commercial Vehicle Enforcement Facility. The California Highway Patrol (CHP) operates this facility for inspecting commercial vehicles crossing the USA/Mexico border. On March 14, 2007, the CHP reported that the septic tank at the facility is seeping raw sewage out of the ground near the employee entrance and public waiting areas, and the water supply tank fails to provide adequate supply of running water. This project is to replace the septic system (leach field and septic tank if necessary), and drill a new well at a nearby location to a deeper level than the existing well.

### **BACKGROUND:**

The Commission by Resolution G-11, as amended by Resolution G-00-11, delegated to the Department authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slip outs, unusual accidents or other similar events. This immediately allows the Department to begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
  - a. Emergency assistance efforts.
  - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
  - c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

The G-11 Resolution authorizes the Department to allocate funds for follow-up restoration projects associated with and that immediately follow an emergency condition response project.

The G-11 Resolution also requires the Department to notify the Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment

## 2.5 Highway Financial Matters

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA PPNO Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
1 \$400,000 Mendocino 01U-Men-101 5.0/5.4	Near Cloverdale, at Pieta Creek Bridge (#10-83). Heavy rain between February 26 and February 28, 2007, caused an existing landslide above the highway to become active and create a pushup effect in both northbound and southbound lanes. The uplift created a crest vertical curve with uneven driving surface, low shoulders and reduced sight distance. This project will remove and dispose of damaged roadway, place a rock revetment to buttress the slide, re-establish proper highway drainage, and repave.	481501 4479 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$400,000  \$400,000
	Initial G-11 Allocation 04/17/07:			\$400,000
2 \$350,000 Mendocino 01U-Men-101 38.4/38.9	Near Willits, south of Ridgewood Grade Truck Scales. Heavy rain between February 26 and February 28, 2007, caused an existing landslide above the highway to become active and create a pushup effect in both northbound and southbound lanes. The uplift severely deformed the roadway. The project will remove and dispose of damaged roadway, place removable concrete median barrier, install additional drainage systems, and repave.	481601 4480 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$350,000  \$350,000
	Initial G-11 Allocation 04/17/07:			\$350,000
3 \$150,000 Butte 03U-But-70 17.45	Near Oroville, west of Cottonwood Road. On March 13, 2007, the existing cut slope at this location failed and material from the cut slope covered the outside shoulder. This project is to remove the loose material, place temporary railing on the shoulder, and apply erosion control.	3E8001 2274 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$150,000  \$150,000
	Initial G-11 Allocation 03/23/07:			\$150,000
4 \$410,000 Marin 04U-Mrn-1 8.0/11.0	Near Stinson Beach, from approximately 2 miles to 5 miles north of Muir Woods Road. In February 2007, the pavement along this closed highway segment was damaged by heavy equipment working on five different emergency roadway repair contracts. This project is to repair damaged pavement outside the contract limits before opening the highway to traffic.	3A7401 0309H SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$410,000  \$410,000
	Initial G-11 Allocation 03/15/07:			\$410,000
5 \$190,000 Marin 04U-Mrn-1 11.0/12.4	Near Stinson Beach, from approximately 5 miles to 6.5 miles north of Muir Woods Road. In February 2007, the pavement along this closed highway segment was damaged by heavy equipment working on five different emergency roadway repair contracts. This project is to repair damaged pavement outside the contract limits before opening the highway to traffic.	3A8301 0309J SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$190,000  \$190,000
	Initial G-11 Allocation 03/15/07:			\$190,000
6 \$250,000 Marin 04U-Mrn-1 11.05	Near Stinson Beach, at Webb Creek. On December 1, 2006, a 60-inch failed corrugated metal pipe culvert was discovered at this location. Initial project was to replace the failed culvert. This supplemental is due to underestimation of replacement culvert length, and the need to place temporary water diversion system during culvert construction.	3S8801 0303G SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$250,000  \$250,000
	Initial G-11 Allocation 02/20 /07:			\$500,000
	Supplemental G-11 Allocation 03/23/07:			\$250,000
	Revised Allocation:			\$750,000
7 \$1,850,000 Los Angeles 07U-LA-91 R11.4/R11.9	In Long Beach, on the connector ramp between Route 91 and Route 710. On April 5, 2007, two previously patched sections of this heavily traveled bridge deck collapsed, leaving holes exposing the reinforcing steel and the interior of the deck. This project is to remove and replace the failing deck area, and grind and overlay the bridge deck surface.	1X7201 4034 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$1,850,000  \$1,850,000
	Initial G-11 Allocation 04/13/07:			\$1,850,000

**2.5 Highway Financial Matters**

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA PPNO Program	Budget Year Item # Program Codes	State Federal Total Amount
<b>2.5f.(1) Informational Report – Emergency G-11 Allocations</b>				
8 \$80,000 San Bernardino 08U-SBd-173 10.8	Near Lake Arrowhead, at Big Pine Creek Bridge. On September 20, 2006, Big Pine Creek Bridge was completely damaged by a wildfire. The initial project was to replace the wood bridge with a concrete box culvert bridge, remove debris, and provide any necessary traffic control. This supplemental is needed to close out this contract.	0J5601 0242E SHOPP Emergency	2006-07 302-0042 20.20.201.130	\$80,000 \$80,000
	Initial G-11Allocation 10/31/06: \$500,000 Supplemental G-11 Allocation 03/29/07: \$80,000 Revised Allocation: \$580,000			
9 \$350,000 Imperial 11U-Imp-8 89.3	Near Winterhaven, at the Winterhaven Commercial Vehicle Enforcement Facility. On March 14, 2007, the California Highway Patrol reported that the septic tank at the facility was seeping raw sewage out of the ground near employee entrance and public waiting areas, and the water supply tank failing to provide adequate supply of running water. This project is to replace the septic system and drill new water well.	288601 0503 SHOPP Emergency	2004-05 302-0042 20.20.201.130	\$350,000 \$350,000
	Initial G-11Allocation 04/12/07: \$350,000			